

Certificate of Analysis

Arete

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Sample: 10-05-2023-39587

Sample Received: 10/05/2023; Report Created: 10/25/2023; Expires: 10/05/2024

r - Uncured						
	19.653 % Total THC 22.612 % Total Cannabinoids				0.153 % Δ-9 THC	
				<loq %<br="">Total CBD</loq>		
Dinoids Dod:HPLC, CON-P-3000) 0/05/2023					(
Analyte	LOD	LOQ	Mass	Mass		
	%	%	%	mg/g		
Δ-8-Tetrahydrocannabinol (Δ-8 THC) Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0457 0.0457	0.0685 0.0685	ND	ND	1	
		0.0685	0.153	1.534		
			22.225			
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0457	0.0685	22.235	222.347		
Δ-9-Tetrahydrocannabinolic Acid (THCA-A) Δ-9-Tetrahydrocannabiphorol ($Δ$ -9-THCP)	0.0457 0.0457	0.0685 0.0685	ND	222.347 ND		
Δ-9-Tetrahydrocannabinolic Acid (THCA-A) Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP) Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0457 0.0457 0.0457	0.0685 0.0685 0.0685	ND ND	222.347 ND ND		
Δ -9-Tetrahydrocannabinolic Acid (THCA-A) Δ -9-Tetrahydrocannabiphorol (Δ -9-THCP) Δ -9-Tetrahydrocannabivarin (Δ -9-THCV) Δ -9-Tetrahydrocannabivarinic Acid (Δ -9-THCVA)	0.0457 0.0457 0.0457 0.0228	0.0685 0.0685 0.0685 0.0685	ND ND <loq< td=""><td>222.347 ND ND <loq< td=""><td></td></loq<></td></loq<>	222.347 ND ND <loq< td=""><td></td></loq<>		
$\begin{array}{l} \Delta -9 \mbox{-Tetrahydrocannabinolic Acid (THCA-A)} \\ \Delta -9 \mbox{-Tetrahydrocannabiphorol (Δ -9 \mbox{-THCP}$)} \\ \Delta -9 \mbox{-Tetrahydrocannabivarin (Δ -9 \mbox{-THCV}$)} \\ \Delta -9 \mbox{-Tetrahydrocannabivarinic Acid (Δ -9 \mbox{-THCVA}$)} \\ R \mbox{-}\Delta -10 \mbox{-Tetrahydrocannabinol (R -}\Delta \mbox{-}10 \mbox{-THC}$)} \end{array}$	0.0457 0.0457 0.0457 0.0228 0.0457	0.0685 0.0685 0.0685 0.0685 0.0685	ND ND <loq ND</loq 	222.347 ND ND <loq ND</loq 		
$\begin{array}{l} \Delta -9 \mbox{-Tetrahydrocannabinolic Acid (THCA-A)} \\ \Delta -9 \mbox{-Tetrahydrocannabiphorol ($$\Delta -9 \mbox{-THCP}$) \\ \Delta -9 \mbox{-Tetrahydrocannabivarinic Acid ($$\Delta -9 \mbox{-THCV}$) \\ \Delta -9 \mbox{-Tetrahydrocannabivarinic Acid ($$\Delta -9 \mbox{-THCVA}$) \\ R \mbox{-}\Delta -10 \mbox{-Tetrahydrocannabinol ($$R \mbox{-}\Delta -10 \mbox{-THC}$) \\ S \mbox{-}\Delta -10 \mbox{-Tetrahydrocannabinol ($$S \mbox{-}\Delta -10 \mbox{-}THC$) \\ \end{array}$	0.0457 0.0457 0.0228 0.0457 0.0457	0.0685 0.0685 0.0685 0.0685 0.0685 0.0685	ND ND <loq ND ND</loq 	222.347 ND <loq ND ND</loq 		
$\begin{array}{l} \Delta -9 \mbox{-}Tetrahydrocannabinolic Acid (THCA-A) \\ \Delta -9 \mbox{-}Tetrahydrocannabiphorol ($ \Delta -9 \mbox{-}THCP) \\ \Delta -9 \mbox{-}Tetrahydrocannabivarin ($ \Delta -9 \mbox{-}THCV) \\ \Delta -9 \mbox{-}Tetrahydrocannabivarinic Acid ($ \Delta -9 \mbox{-}THCVA) \\ R \mbox{-}\Delta -10 \mbox{-}Tetrahydrocannabinol ($ R \mbox{-}\Delta -10 \mbox{-}THC) \\ S \mbox{-}\Delta -10 \mbox{-}Tetrahydrocannabinol ($ S \mbox{-}\Delta -10 \mbox{-}THC) \\ 9 \mbox{R} \mbox{-}Hexahydrocannabinol ($ R \mbox{-}HHC) \\ \end{array}$	0.0457 0.0457 0.0228 0.0457 0.0457 0.0457	0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685	ND ND <loq ND ND ND</loq 	222.347 ND <loq ND ND ND</loq 		
 Δ-9-Tetrahydrocannabinolic Acid (THCA-A) Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP) Δ-9-Tetrahydrocannabivarin (Δ-9-THCV) Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA) R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC) S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) 9R-Hexahydrocannabinol (9R-HHC) 9S-Hexahydrocannabinol (9S-HHC) 	0.0457 0.0457 0.0228 0.0457 0.0457 0.0457 0.0457 0.0457	0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685	ND <loq ND ND ND ND</loq 	222.347 ND <loq ND ND ND ND</loq 		
Δ-9-Tetrahydrocannabinolic Acid (THCA-A) Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP) Δ-9-Tetrahydrocannabivarin (Δ-9-THCV) Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA) R-Δ-10-Tetrahydrocannabionol (R-Δ-10-THC) S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) 9R-Hexahydrocannabinol (9R-HHC) 9S-Hexahydrocannabinol (9S-HHC) Tetrahydrocannabinol (PTHC)	0.0457 0.0457 0.0228 0.0457 0.0457 0.0457 0.0457 0.0457 0.0457	0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685	ND ND <loq ND ND ND ND</loq 	222.347 ND <loq ND ND ND ND ND</loq 		
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)9R-Hexahydrocannabinol (9R-HHC)9S-Hexahydrocannabinol (9S-HHC)Tetrahydrocannabinol (CHCO)Cannabidivarin (CBDV)	0.0457 0.0457 0.0228 0.0457 0.0457 0.0457 0.0457 0.0457 0.0457 0.0457	0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685	ND ND <loq ND ND ND ND ND ND</loq 	222.347 ND <loq ND ND ND ND ND ND</loq 		
Δ-9-Tetrahydrocannabinolic Acid (THCA-A) Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP) Δ-9-Tetrahydrocannabivarin (Δ-9-THCV) Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA) R-Δ-10-Tetrahydrocannabionol (R-Δ-10-THC) S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) 9R-Hexahydrocannabinol (9R-HHC) 9S-Hexahydrocannabinol (9S-HHC) Tetrahydrocannabinol Acetate (THCO) Cannabidivarin (CBDV) Cannabidivarin (Acid (CBDVA)	0.0457 0.0457 0.0228 0.0457 0.0457 0.0457 0.0457 0.0457 0.0457 0.0457	0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685	ND ND <loq ND ND ND ND ND ND ND ND</loq 	222.347 ND <loq ND ND ND ND ND ND</loq 		
Δ-9-Tetrahydrocannabinolic Acid (THCA-A) Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP) Δ-9-Tetrahydrocannabivarin (Δ-9-THCV) Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA) R-Δ-10-Tetrahydrocannabional (R-Δ-10-THC) S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) 9R-Hexahydrocannabinol (9R-HHC) 9S-Hexahydrocannabinol (9S-HHC) Tetrahydrocannabinol Acetate (THCO) Cannabidivarin (CBDV) Cannabidiol (CBD)	0.0457 0.0457 0.0228 0.0457 0.0457 0.0457 0.0457 0.0457 0.0457 0.0457 0.0457	0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685	ND ND SLOQ ND ND ND ND ND ND ND ND	222.347 ND <loq ND ND ND ND ND ND ND</loq 		
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)9R-Hexahydrocannabinol (9R-HHC)9S-Hexahydrocannabinol (9S-HHC)Tetrahydrocannabinol Acetate (THCO)Cannabidivarinic Acid (CBDVA)Cannabidiol (CBD)Cannabidiolic Acid (CBDA)	0.0457 0.0457 0.0228 0.0457 0.0457 0.0457 0.0457 0.0457 0.0457 0.0457 0.0457 0.0457 0.0457	0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685	ND ND <loq ND ND ND ND ND ND ND ND <loq< td=""><td>222.347 ND <loq ND ND ND ND ND ND <loq< td=""><td></td></loq<></loq </td></loq<></loq 	222.347 ND <loq ND ND ND ND ND ND <loq< td=""><td></td></loq<></loq 		
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)9R-Hexahydrocannabinol (S-Δ-10-THC)9R-Hexahydrocannabinol (9R-HHC)9S-Hexahydrocannabinol (9S-HHC)Tetrahydrocannabinol (9S-HHC)Cannabidivarini (CBDV)Cannabidivarinic Acid (CBDVA)Cannabidiol (CBD)Cannabidiol (CBDA)Cannabigerol (CBG)	0.0457 0.0457 0.0228 0.0457 0.0457 0.0457 0.0457 0.0457 0.0457 0.0457 0.0457 0.0457 0.0457 0.0228 0.0457	0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685	ND ND <loq ND ND ND ND ND ND ND ND <loq <loq< td=""><td>222.347 ND <loq ND ND ND ND ND <loq <loq< td=""><td></td></loq<></loq </loq </td></loq<></loq </loq 	222.347 ND <loq ND ND ND ND ND <loq <loq< td=""><td></td></loq<></loq </loq 		
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)9R-Hexahydrocannabinol (9-HHC)9S-Hexahydrocannabinol (9S-HHC)Tetrahydrocannabinol Acetate (THCO)Cannabidivarinic Acid (CBDVA)Cannabidiol (CBD)Cannabidiol (CBD)Cannabigerol (CBG)Cannabigerol (CBGA)	0.0457 0.0457 0.0228 0.0457 0.0457 0.0457 0.0457 0.0457 0.0457 0.0457 0.0457 0.0457 0.0228 0.0457	0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685	ND ≺LOQ ND ND ND ND ND ND ND <loq <loq 0.224</loq </loq 	222.347 ND <loq ND ND ND ND ND <loq <loq 2.237</loq </loq </loq 		
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)9R-Hexahydrocannabinol (S-Δ-10-THC)9R-Hexahydrocannabinol (S-Δ-10-THC)9R-Hexahydrocannabinol (S-HHC)Tetrahydrocannabinol (S-HHC)Cannabidivarini (CBDV)Cannabidivarinic Acid (CBDVA)Cannabidiol (CBD)Cannabidiolic Acid (CBDA)Cannabigerolic Acid (CBGA)Cannabinol (CBN)	0.0457 0.0457 0.0228 0.0457 0.0457 0.0457 0.0457 0.0457 0.0457 0.0457 0.0457 0.0228 0.0457 0.0228	0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685	ND ≺LOQ ND ND ND ND ND ND <loq <loq 0.224 ND</loq </loq 	222.347 ND <loq ND ND ND ND ND CLOQ <loq 2.237 ND</loq </loq 		
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)9R-Hexahydrocannabinol (S-Δ-10-THC)9R-Hexahydrocannabinol (S-Δ-10-THC)9R-Hexahydrocannabinol (S-HHC)Tetrahydrocannabinol (S-HHC)Cannabidivarini (CBDV)Cannabidivarinic Acid (CBDVA)Cannabidiol (CBD)Cannabidiolic Acid (CBDA)Cannabigerolic Acid (CBGA)Cannabinol (CBN)Cannabinol (CBN)	0.0457 0.0457 0.0228 0.0457 0.0457 0.0457 0.0457 0.0457 0.0457 0.0457 0.0457 0.0228 0.0457 0.0228 0.0457 0.0457	0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685	ND ≺LOQ ND ND ND ND ND ND ≺LOQ <loq 0.224 ND</loq 	222.347 ND <loq ND ND ND ND ND CLOQ <loq 2.237 ND ND</loq </loq 		
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)9R-Hexahydrocannabinol (S-Δ-10-THC)9R-Hexahydrocannabinol (S-Δ-10-THC)9R-Hexahydrocannabinol (S-HHC)Tetrahydrocannabinol (S-HHC)Cannabidivarini (CBDV)Cannabidivarinic Acid (CBDVA)Cannabidiol (CBD)Cannabidiolic Acid (CBDA)Cannabigerolic Acid (CBGA)Cannabinol (CBN)	0.0457 0.0457 0.0228 0.0457 0.0457 0.0457 0.0457 0.0457 0.0457 0.0457 0.0457 0.0228 0.0457 0.0228	0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685 0.0685	ND ≺LOQ ND ND ND ND ND ND <loq <loq 0.224 ND</loq </loq 	222.347 ND <loq ND ND ND ND ND CLOQ <loq 2.237 ND</loq </loq 		

Total THC Measurement of Uncertainty: \pm 0.050% Total CBD Measurement of Uncertainty: \pm 2.000% THCO potency analysis does not designate quantitative specificity of Δ -8-THCO and Δ -9-THCO isomers



New Bloom Labs 6121 Heritage Park Drive, A500 Chattanooga, TN 37416 (844) 837-8223 TN DEA#: RN0563975 ANAB Testing Laboratory (AT-2868): ISO/IEC 17025:2017

Natalie Siracusa

Laboratory Director

Amended report issued to reflect change in sample identification.



All analyses were conducted at 6121 Heritage Park Dr, Suite A500 Chattanooga, TN 37416. Results published on this certificate relate only to the items tested. Items are tested as received. New Bloom Labs makes no claims as to the efficacy, safety, or other risks associated with any detected or non-detected level of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of New Bloom Labs.